

The purpose of this Amendment 01 to BAA 06-17 is to clarify the following:

- Focus of Phase I is chemical detection techniques versus area reduction and cueing
- For those proposing multiple detection techniques discuss sensor fusion and orthogonality
- For each detection technique proposed provide the following:
  - Detailed photon budget and signal-to-noise ratio (S/N) needed at 50, 200 and 400 meters and clutter concerns
  - Specifications required for scanner, optics, and detector
  - Time required to interrogate the Phase I area assuming a scanner is available and no area reduction technique(s) are used and with the appropriate S/N
  - Provide data generated or published by your team on remote detection of materials
  - Provide data generated or published by your team using the proposed detection techniques
- Targets of interests include TNT, RDX, TATP and associated explosive related compounds (ERCs) in phases and concentrations expected in the IED environment(s)
- Discuss or provide justification for those proposing laser development in Phase I
- Discuss potential for eye safe operation at 400 meter standoff
- We anticipate the composition of teams to adjust in later phases
- Provide a concept slide ASAP (that WILL NOT be used in source selection) separate from your proposal, for each detection technique in your proposed solution
- Administrative addresses for the BAA have been changed to, Electronic Mail: [BAA06-17@darpa.mil](mailto:BAA06-17@darpa.mil) or Fax: (703) 696-2206 (Addressed to: DARPA/MTO, BAA 06-17)